

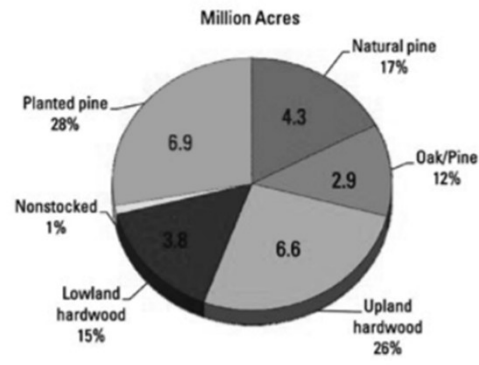


GEORGIA FORESTRY COMMISSION *protecting and conserving Georgia's forests*

Georgia Forestry Facts:

- 24.5 million acres of forestland
- 92 percent privately owned
- 67% of Georgia's total land area
- Currently growing 56% more wood than being harvested annually
- Forest industry is the second largest in the state
 - Injects \$28.7 billion into the economy
 - Supports 144,537 jobs and \$8.5 billion in wages
 - Provides an average of \$778 million in tax revenues annually

Area of Forest Land by Forest Type Group for Georgia



Percentages do not equal 100% due to rounding



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The Georgia Forestry Commission:

- Established in 1949
- **Vision:** *Healthy, sustainable forests providing clean air, clean water and abundant products for future generations*
- **Mission:** *To provide leadership, service and education in the protection and conservation of Georgia's forest resources*
- Provide a wide variety of landowners services:
 - Forest Fire Protection and Prevention
 - Forest Management
 - Sustainable Community Forestry Program
 - Reforestation
 - Forest Utilization





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Forest Fire Protection and Prevention:

- Wildfire detection and suppression
- Firebreak plowing
- Prescribed burning assistance
- Wildfire mitigation advice and risk assessments



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Forest Fire Protection and Prevention:

- Firewise communities and practice guidance
- Fire equipment leasing through the Rural Fire Defense Program
- Emergency management support during disaster events
- Weather forecasting
- Burn permit distribution and administration



- | | |
|---|--|
| <ul style="list-style-type: none"> • Prune all trees so the lowest limbs are six to 10 feet from the ground. • Remove leaf clutter and pine needles from gutters, under your deck and around your home. Be sure to remove dead or overhanging branches. • Cut back brush and shrubs a minimum of 30 feet from your home to create a "survivable space"— an area free from fuels that may ignite your home. • Put in drought-resistant plantings and thin existing trees, especially those that are dead or decayed. | <ul style="list-style-type: none"> • Use construction materials that are fire-resistant or non-combustible, such as stucco and brick. • Consider using Class-A asphalt roof shingles, clay tile, or slate roofing materials. • Provide wide and easy access to your home for emergency response vehicles and ensure the address is clearly marked. • Periodically inspect your property and keep firewood away from your house or attachments. |
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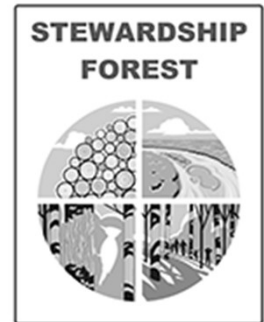
Firewise Practices



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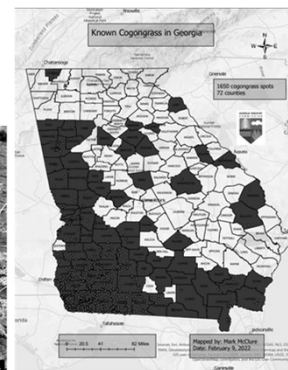
Forest Management:

- Advice and plans for reforestation, timber stand improvement and harvesting
- Multiple-use Forest Stewardship Management Plans
- Forest health information, education and training
- Forest pests and invasive species detection
- Water quality and wetland complaint investigation
- Forestry Best Management Practices (BMP) monitoring and education
- Cost share assistance
 - NRCS: EQIP, WLFW, CSP
 - FSA: CRP, EFRP
 - GFC: SPB, ISPC, Forest Debris



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Forest Health Program: The Forest Health Program conducts surveys to monitor and detect the presence of insects, diseases, and invasive plants that harm Georgia's forests. Foresters provide technical assistance to mitigate impacts of threats found on their property.

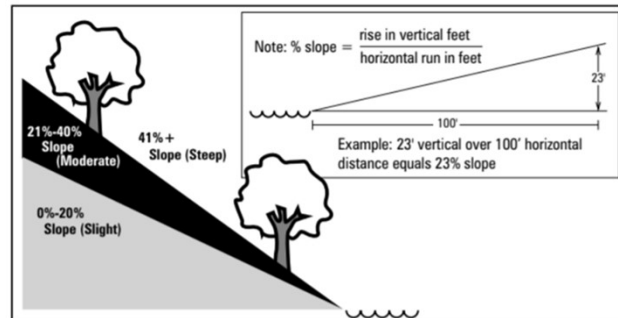




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Water Quality Program: Foresters work closely with landowners to ensure protections are in place to protect our water resources.

- Best Management Practices (BMPs) are proven, common sense measures, methods and practices used to prevent or reduce water pollution during forestry operations.



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Urban and Community Forest Program: Healthy community and urban forests are integral to the lives of all Georgians. The Georgia Forestry Commission's urban and community foresters help protect and promote Georgia's urban forests by:

- Providing technical assistance to cities, counties, elementary schools, college campuses, homeowners and nonprofit organizations.
- Assisting communities in forming tree boards, developing tree ordinances, and earning recognition for their efforts and celebrating their community's trees.
- Connecting communities and partners with qualified urban forestry consultants who help manage projects.
- Helping homeowners with storm planning, maintenance and management issues.
- Being ready to respond when storms strike.
- Arming homeowners, community officials and arborists with information that helps them connect and engage to make a collective, greener impact on the state.



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Forest Utilization Program: GFC's Forest Utilization Department strives to deliver the real value of these benefits by maintaining and improving markets for forest-based goods and services.

The staff assist businesses and forest landowners by:

- Marketing Georgia's forest resources to attract new industries.
- Providing marketing, technical, and forest resource procurement support to existing industries.
- Establishing new product development and markets for Georgia's forest resources.



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Forest Utilization Program:

Timber Product Output Reports

Timber Product Output (TPO) reports provide information on the production of forest products and the amount of timber removals within Georgia. Data collection for TPO reports involves a coordinated effort by the U.S. Forest Service Forest Inventory & Analysis (FIA) and GFC's Forest Utilization staff. To estimate industrial uses of roundwood, all primary wood-using industries in a state are surveyed bi-annually. Primary wood-using industries include pulp mills, sawmills, veneer mills, composite panel mills (osb), and other industrial products mills.





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Reforestation: Provide quality, forest tree planting stock to Georgia landowners at reasonable prices.

- The nursery grows approximately 15-20 million seedlings each year capable of reforesting over 30,000 acres
- Seedling crop is predominantly slash and loblolly pines, a variety of hardwoods and other conifers are also grown
- The GFC begins processing orders on June 1 for the following planting season

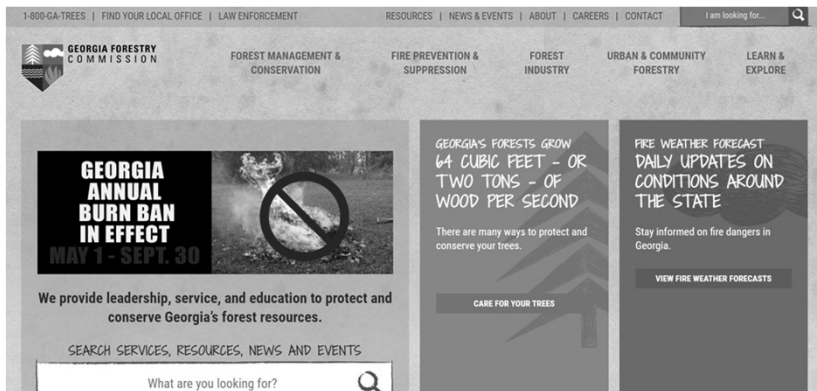
SEEDLINGS - PINE					
	Name	Description	per 1000	per 500	per 50
LOBLOLLY	GEORGIA GIANTS	This mix of three of the fastest-growing, open-pollinated loblolly pine families in the Southeast are expected to produce 53.5% more volume age six; excellent rust resistance; good straightness. Recommended for Coastal Plain only.	\$78	\$49	\$30
	C-3 HIGH VOLUME	This 3rd cycle Loblolly variety is a small seed orchard mix of a few families that produce 48% more volume per acre at age six as compared to local unimproved checklists. It is just under our famous Georgia Giants in volume production, and is suitable for the coastal plain, and lower piedmont.	\$73	\$46	\$27
	ELITE STRAIGHT	This is a mix of three of the straightest, most uniform rust resistant seedlings from our 3rd cycle selections. These seedlings, through field progeny testing have proved to grow extremely straight, with very low incidence of rust. They also produce 38% more volume per acre at age six.	\$73	\$46	\$27
	SELECT P3 LOBLOLLY	Selected families from a third cycle piedmont orchard expected to produce more than twice as much volume at age six than unimproved loblolly with superior rust resistance. Recommended for north of the Fall Line.	\$70	\$46	\$27
	RR3 LOBLOLLY	This third cycle loblolly is projected at age six to yield 23% more volume than unimproved sources. Fullform rust-resistant. Recommended for Lower Piedmont and Coastal Plain.	\$61	\$39	\$23



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Other Online Resources:

- Carbon Sequestration Registry and Offset
- Forest Biomass
- Champion Trees
- Wildfire Viewer
- Careers
- Directories for:
 - Consulting Foresters
 - Master Timber Buyers
 - Arborist
 - Forest Services Contractors
 - Pine Straw Raking





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Conservation Woodland Program: *“Discovering the conservation tools to assist Georgia landowners with their management goals and objectives on 20 acres or less.”*

A website for landowners to develop and create their own Management Plan

Objectives covered:

- Timber Management Forest Health
- Invasive Species
- Riparian Habitat
- Tree Identification
- Wildlife Management
- Pollinators
- Backyard Gardening
- Aesthetics
- Wildlife Prevention
- CUVA
- Management Plan

Let's Get Started!

- CUVA Information
- Conservation Management Plan

Where is your Forestland?

Pinpointing property location helps landowners understand their plant hardiness zone, soil types, and possibly endangered species that are present. It also provides contact information for corresponding local GFC, NRCS, FSA, DNR, and UGA Extension offices. These offices can provide financial and technical assistance for the desired management outcomes.

Discovering your Property (Interactive Map)

Goals and Objectives

Whether you want to grow trees as an investment, vegetables to eat, wildflowers for beauty and pollination or to grow big deer for hunting, defining an overall goal or multiple goals is the first step in properly managing your property.

Timber Management

There are three main practices used to obtain timber management goals: tree planting, harvesting, and prescribed burning. These practices may also be used for other goals, such as aesthetics, pollinator production, riparian habitat, and Streamside Management Zone (SMZ) protection and wildlife habitat. The documents below provide a printable



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Conservation Woodland Program:

The screenshot displays the interactive map interface with several data overlays and information panels:

- LaB:** Lakeland sand, 0 to 5 percent slopes. Available Water Storage 0 - 150 cm: 7.86 cm. Available Water Storage is the volume available to plants that the top 150 cm. Values are the weighted average of soil in this map unit.
- Ford Management Plan:** A map overlay showing management plan boundaries.
- Threatened and Endangered Species:**
 - Threatened and Endangered Species:** Altamaha Spiny mussel, Canby's dropwort, Cooley's meadow, Eastern indigo snake, Fat threeridge, Florida sand dune, Frosted flatfoot.
 - Stand 3 - 1.4 Acres:** Current Stand Description: Structure Site. Recommendations: Tree Planting: After locating an area to plant, use proper site preparation techniques to plant your desired seedlings. Refer to the supplemental information provided for more detailed management techniques for your tree planting objectives. Plant Pollinators: Due to constant changes in landscapes, fragmentation of habitat and pesticide uses, pollinators and their benefits are in a serious decline. To help improve the habitat and environment for pollinators, plant species that bloom at different times of the year. Refer to the supplemental information provided for more detailed management techniques for planting pollinators. Prepare an area for gardening and plant edible produce: Select a site that receives 8-10 hours of sunlight. Using the plant hardiness zone, plant appropriate and desired vegetation. Refer to the supplemental information provided for more detailed management techniques for creating and managing your garden. Plant a tree orchard: Select an appropriate site and site preparation to plant the desired orchard trees for consumption. Manage for Aesthetics: Plant or maintain native flowers, shrubs, and trees that grow in your plant hardiness zone and soil types. Remove any trash or dumped items found throughout the property, especially along any roads. Prescribe prescribed burning for brush control, promotion of flowering and herbaceous understorey, improved access and visual enhancement. Wildlife Prevention: Home Ignition Zone: Install and maintain firebreaks throughout the property. In order to protect any structures from wildfire, remove leaf and pine needles: Litter from around them, cut back vegetation 30 feet from structures, provide easy access to your property for emergency vehicles, keep firewood away from structures and use non-combustible materials. Refer to the supplemental information to protect your property and its structures from wildfire.
 - Dominant forest type:** Upland Hardwoods. **Planted:** Method: Arg DBF: 1.5. **Health:** Average. **Stocking based on objectives:** Low. **Thinning practice completed:** No.
- Other Agency Contacts for Worth County:**
 - Natural Resource Conservation Service:** 410 N LIVINGSTON ST, Sylvester, GA 31791.00. Email: steven.mccord@nrcs.usda.gov, Phone: (229) 726-6985.
 - Farm Service Agency:** 410 N LIVINGSTON ST, Sylvester, GA 31791.00. Email: taylor.arnold@fsa.usda.gov, Phone: (229) 726-6985.



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Local NRCS Cost Share Assistance:

- Environmental Quality Incentives Program (EQIP), Working Lands for Wildlife (WLFW), Conservation Stewardship Program (CSP)
 - Most common practices:
 - Site preparation
 - Tree planting
 - Prescribed burning
 - Herbaceous weed control
 - Timber Stand Improvement



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Local FSA Cost Share Assistance:

- Conservation Reserve Program (CRP),
- Most common practices:
 - Site preparation
 - Longleaf pine planting
 - Prescribed burning
 - Herbaceous weed control
 - Thinnings
 - Wildlife Openings





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Local GFC Cost Share Assistance:

- Southern Pine Beetle (SPB):
 - **Eligibility:** Non-industrial landowners. Minimum practice size is 10 acres
 - **Forestry Practices Covered:** Includes non-commercial thinning, pine release, prescribed burning, southern pine beetle control, reforestation site preparation, hardwood planting, and pine planting (longleaf, loblolly, slash, shortleaf, and white)
 - **Pay Rate:** Pay rates cannot exceed 75% of the documented, actual cost
 - **Application Process:** This program is administered by the Georgia Forestry Commission (GFC) with US Forest Service funds. To apply contact your local GFC Forester



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Local GFC Cost Share Assistance:

- Invasive Plant Control Program (IPCP):
 - **Eligibility:** Non-industrial landowners. Minimum property size is 10 acres with a minimum practice size of 3 acres
 - **Forestry Practices Covered:** Herbicide and/or mechanical treatment of the eligible plant species:
 - Privet
 - Japanese climbing fern
 - Chinese tallowtree
 - Chinaberry
 - Multiflora rose
 - **Pay Rate:** \$50/acre. Maximum of \$3,500 in payments
 - **Application Process:** This program is administered by the Georgia Forestry Commission (GFC)



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Local GFC Cost Share Assistance:

- South Georgia Landscape Restoration Program(SGLR):
 - **Eligibility:** Non-industrial landowners in Appling, Bryan, Camden, Chatham, Decatur, Evans, Glynn, Grady, Liberty, Long, Macon, Marion, McIntosh, Mitchell, Talbot, Tattnall, Taylor, Toombs, and Wayne Counties.
 - **Forestry Practices Covered:**
 - Prescribed burning
 - Groundcover restoration
 - Herbicide
 - Forestry Mowing and Mulching
 - Bottomland Hardwood enhancement
 - Thinning
 - **Pay Rate:** Varies on the practice performed. \$15-150/acre.
 - **Application Process:** This program is administered by the Georgia Forestry Commission (GFC)



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Local GFC Cost Share Assistance:

- Shortleaf Pine and Oak Restoration in the Georgia Cumberlands:
 - **Eligibility:** Non-industrial landowners in Chattooga, Catoosa, Dade, Murray, Gordon, Whitfield, and Walker Counties.
 - **Forestry Practices Covered with a 10 acre minimum:**
 - Prescribed burning
 - Herbicide
 - Thinning
 - Reforestation
 - **Pay Rate:** Varies on the practice performed. \$15-150/acre.
 - **Application Process:** This program is administered by the Georgia Forestry Commission (GFC)



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www.gatrees.org